

AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
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Loveland, Colorado 80537-0599

PATENT APPLICATION

ATTORNEY DOCKET NO. 10031032-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Robert Kincaid

Serial No.:

Examiner:

Filing Date:

Group Art Unit:

Title: METHODS AND SYSTEM FOR SIMULTANEOUS VISUALIZATION AND MANIPULATION OF
MULTIPLE DATA TYPES

COMMISSIONER FOR PATENTS

PO Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 Processing fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 processing fee under 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **50-1078** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (*) were disclosed in Patent Application No. 10/403,762 filed 3/31/2003, now U. S. Patent No. _____, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).


☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

"Express Mail" label no. **EU265085500US**

Date of Deposit **Oct. 18, 2003**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

By


Typed Name: **Maria J. Sousa**

Respectfully submitted,

Robert Kincaid

By


Alan W. Cannon

Attorney/Agent for Applicant(s)

Reg. No. **34,977**

Date: **Oct. 18, 2003**

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 10031032-1	SERIAL NO.
	APPLICANT Kincaid	
	FILING DATE	GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
	*	5,632,009	05-20-1997	Rao et al.
	*	5,880,742	03-09-1999	Rao et al.
	*	6,085,202	07-04-2000	Rao et al.

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	*	"Agilent Synapsia Informatics Workbench", Agilent Technologies, Inc., Printed in the USA, July 31, 2002
	*	"A Tribute to J. Bertin's Graphical Data Analysis", Antoine de Falguerolles Laboratoire de Statistique et Probabilite's, UMR CNRS Universite' Paul Sabatier 118 route de Narbonne, 11/29/1996
	*	Kandogan, E., "Star Coordinates: A Multi-dimensional Visualization Technique with Uniform Treatment of Dimensions", IBM Almaden Research Center, not dated

EXAMINER	DATE CONSIDERED
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* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)

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		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	*	Felsenstein, J., "SEQBOOT - Bootstrap, Jackknife, or Permutation Resampling of Molecular Sequence, Restriction Site, Gene Frequency or Character Data", copyright 1991-1993 by the University of Washington and Joseph Felsenstein
		Bittner et al., "Molecular classification of cutaneous malignant melanoma by gene expression profiling", Nature, vol. 406, pp.536-540, August, 2000
		Luo et al., "Human Prostate Cancer and Benign Prostatic Hyperplasia: Molecular Dissection by Gene Expression Profiling", Cancer Research 61, 4683-4688, June 15, 2001

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		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

		Kincaid, "Interactive Poster: VistaClara: An Interactive Visualization for Microarray Data Exploration", submitted July, 2003 for InfoVis 2003 Conference http://infovis.org/infovis2003/
		Kincaid, "VistaClara: An Interactive Visualization for Exploratory Analysis of DNA Microarray", submission for publication on Aug. 29, 2003, to SAC 2004, http://www.cs.iupui.edu/bioin/
		Slonim, "From patterns to pathways: gene expression data analysis comes of age", Nature Genetics Supplement, vol. 32, pp. 502-508, December, 2002

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